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Figure 1-1
Locations of Proposed
Fiber Optic Cable Routes in California



Manhole Installation



Manhole Installation



Handhole Installation

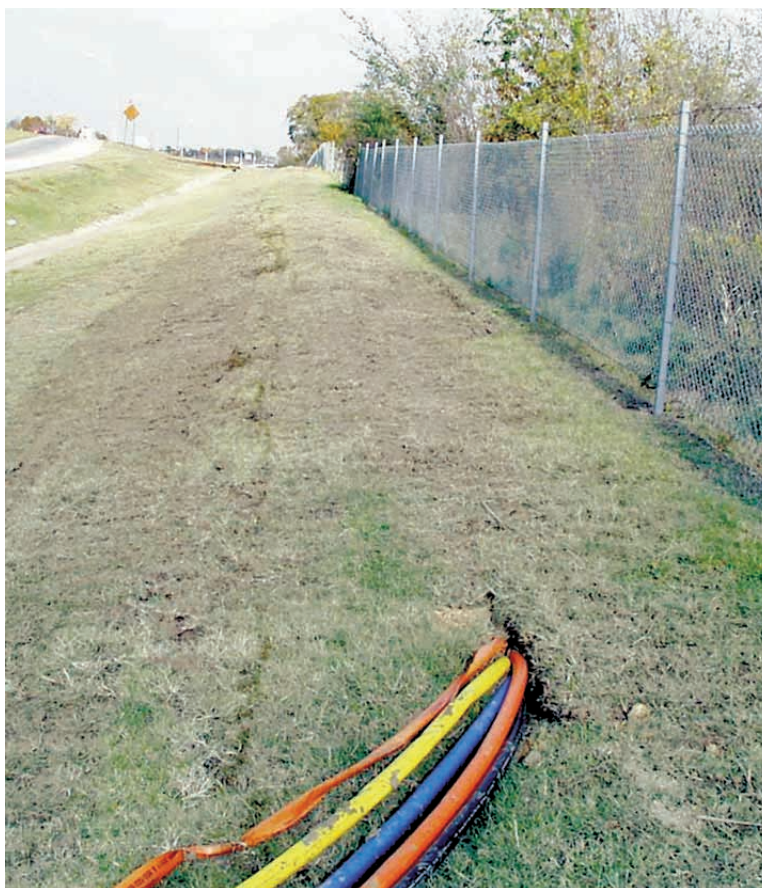


Handhole Installation





Cable installation using plow



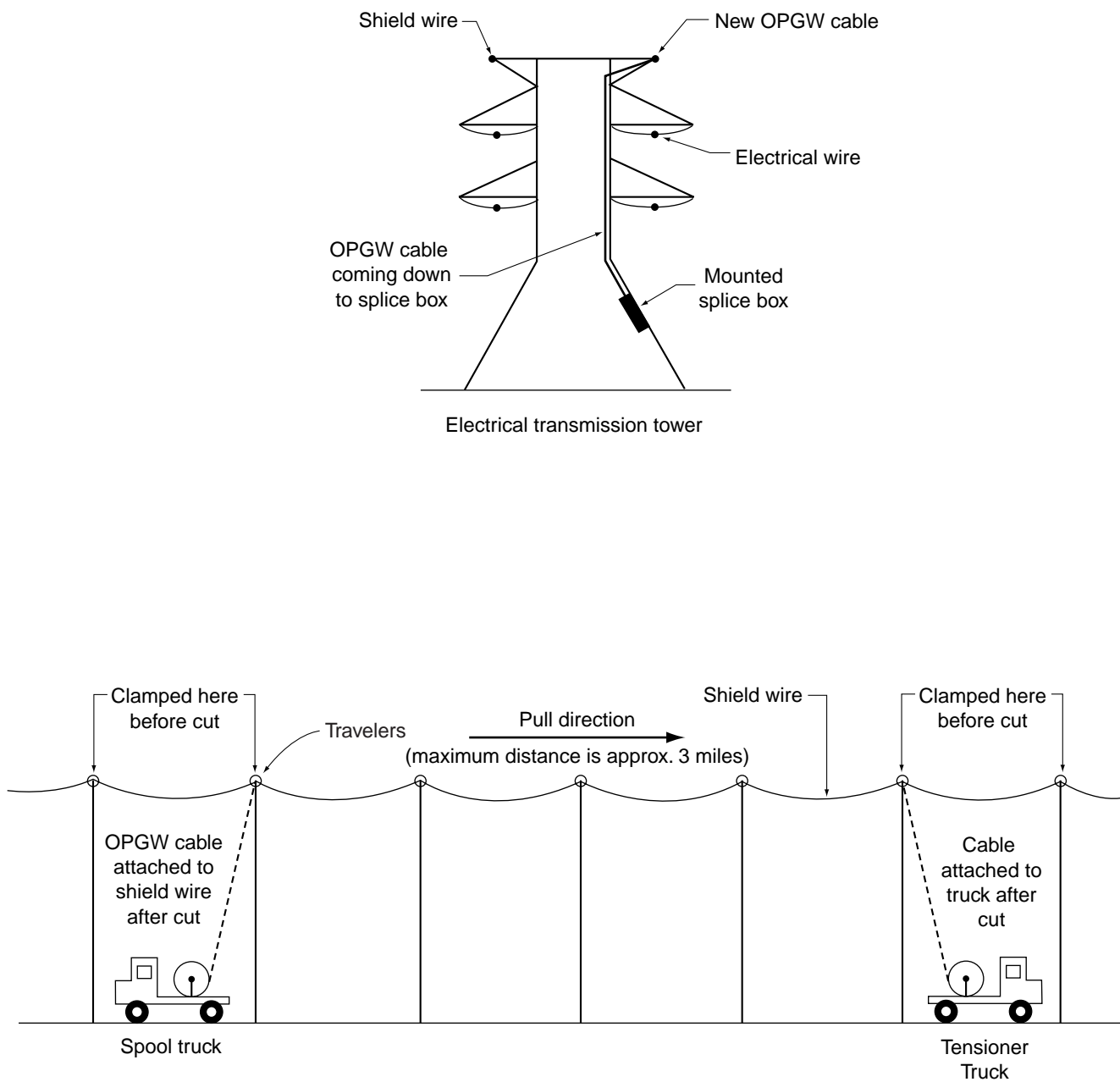
Site after installation using plow



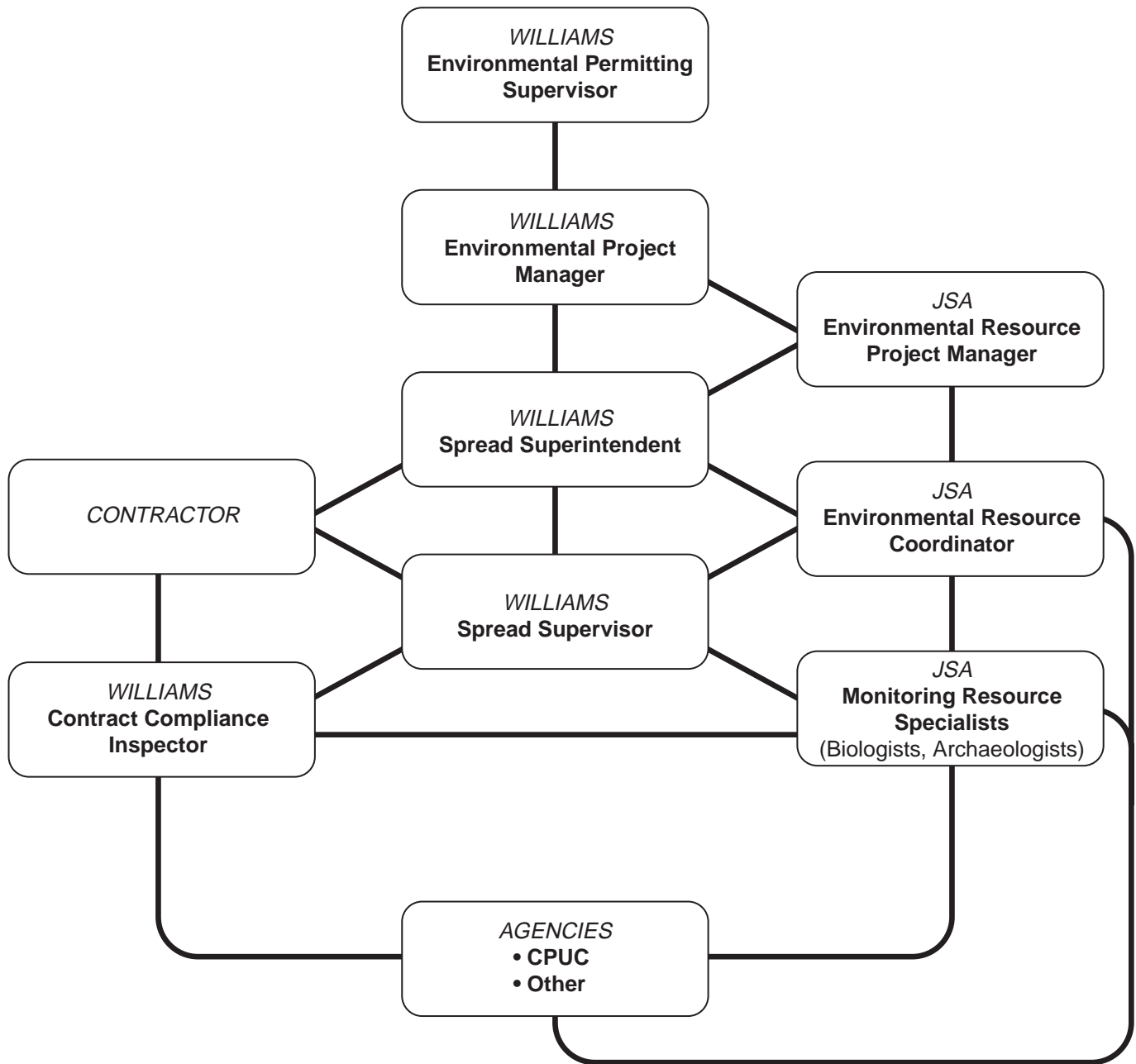


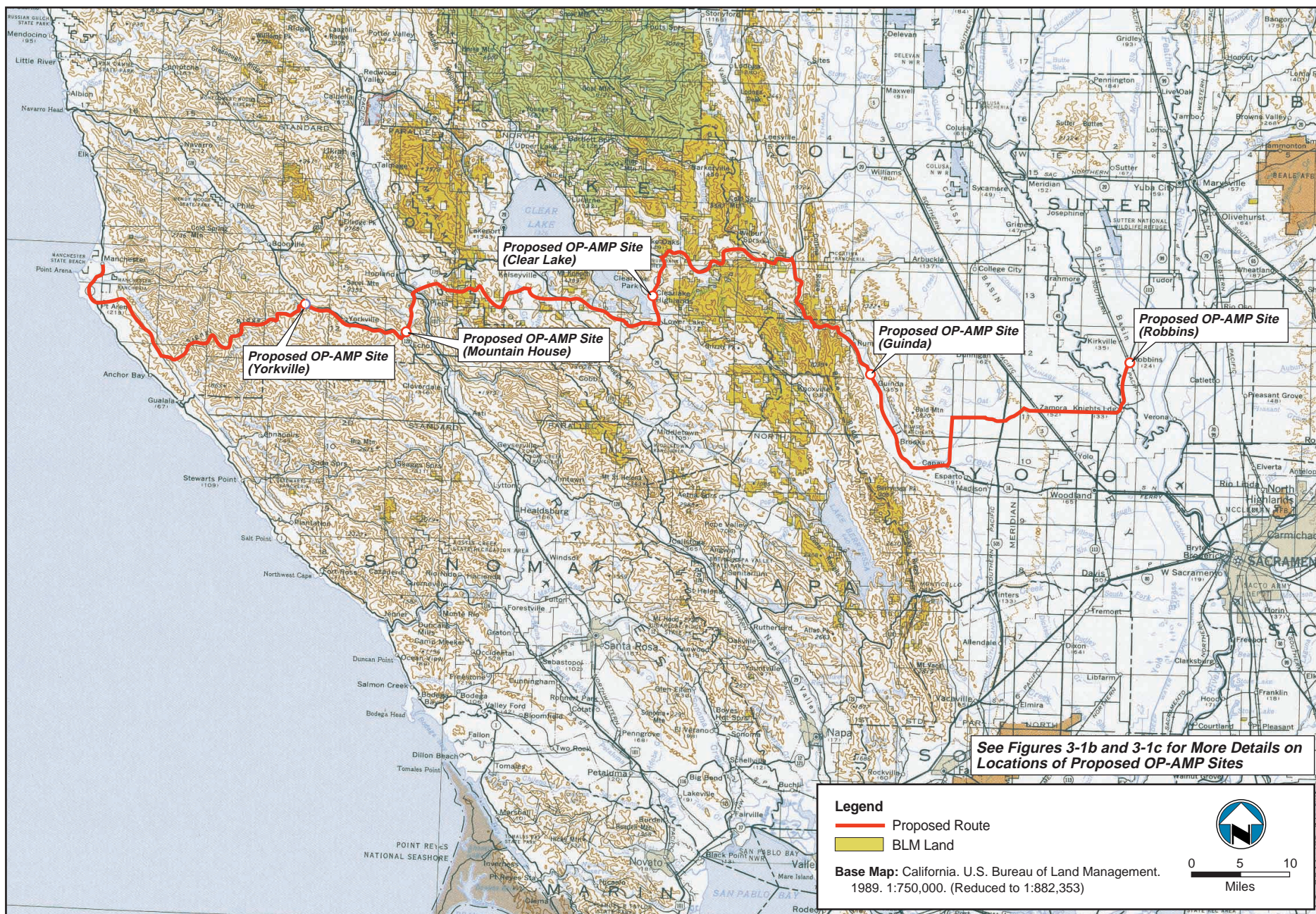
Cables are in pipe attached to side of bridge.

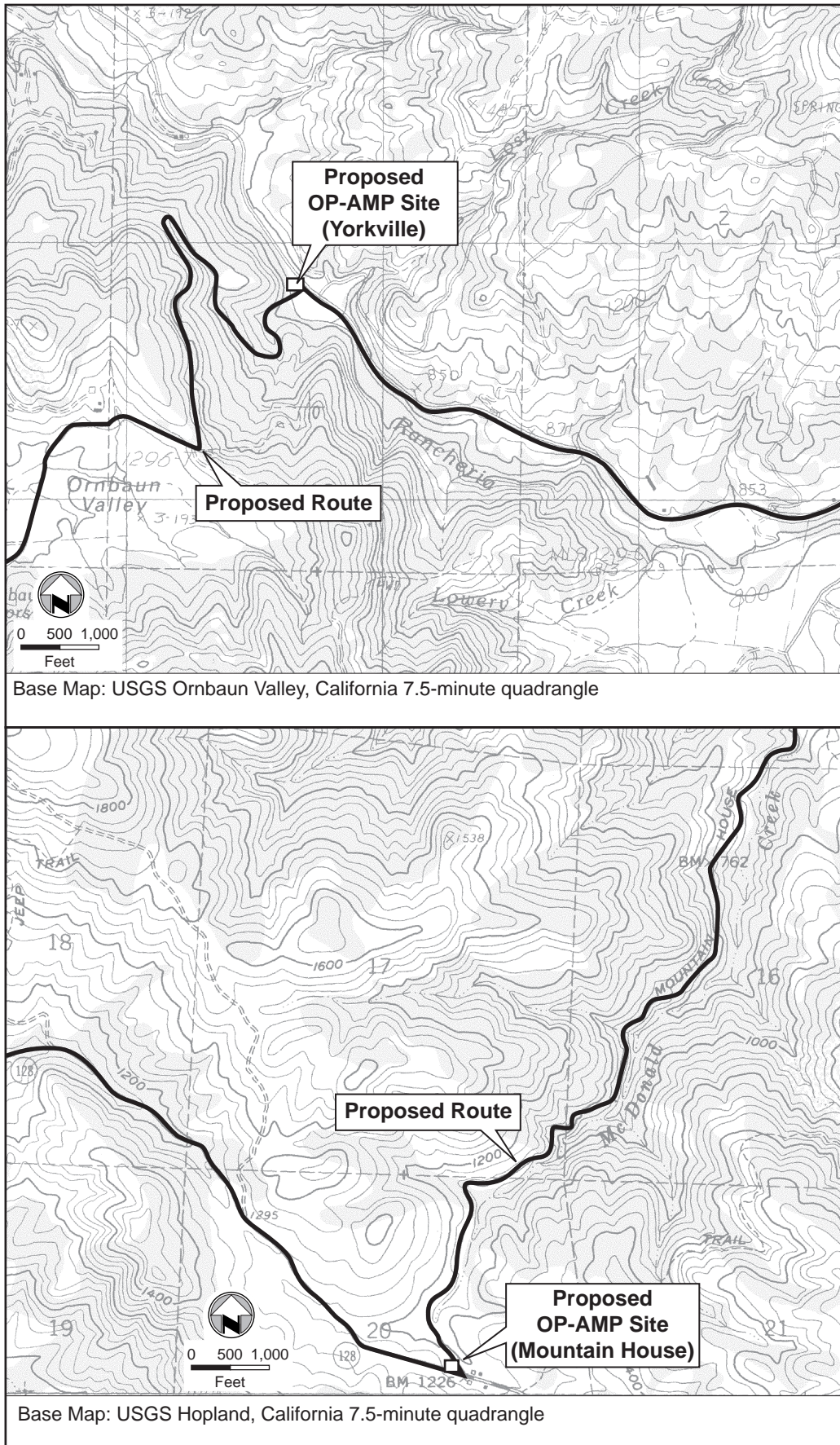






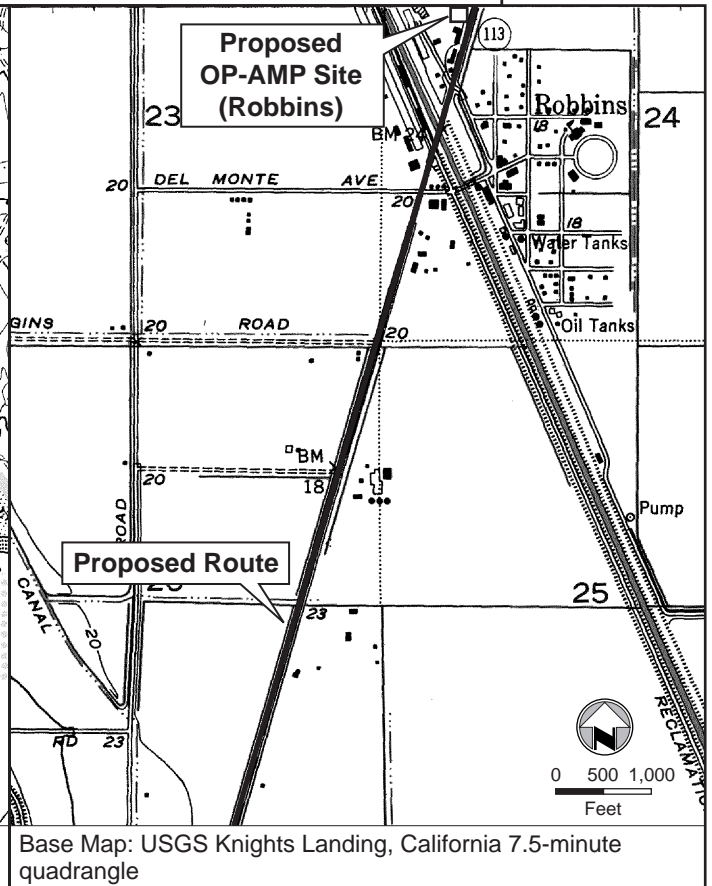
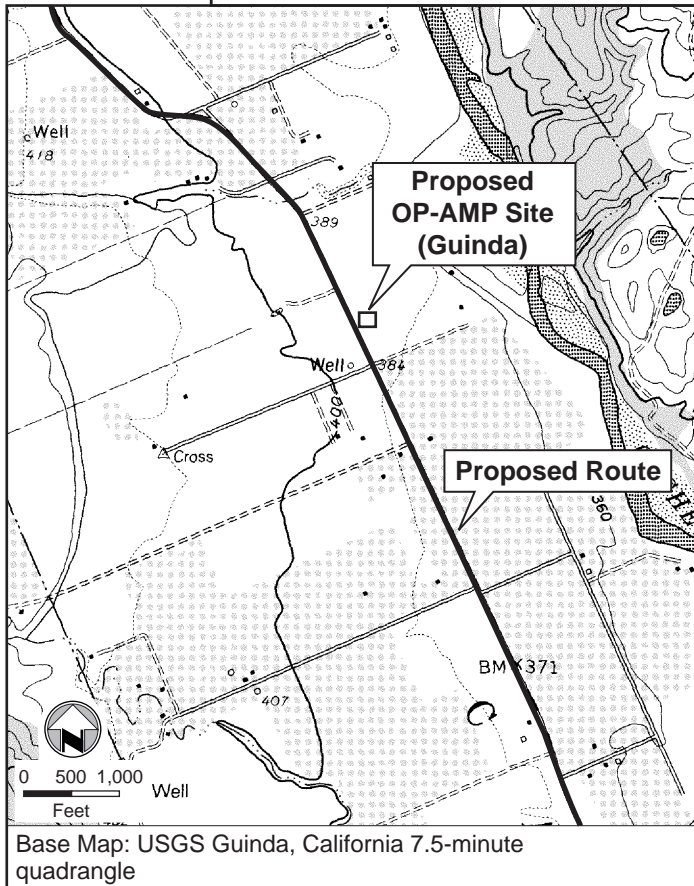
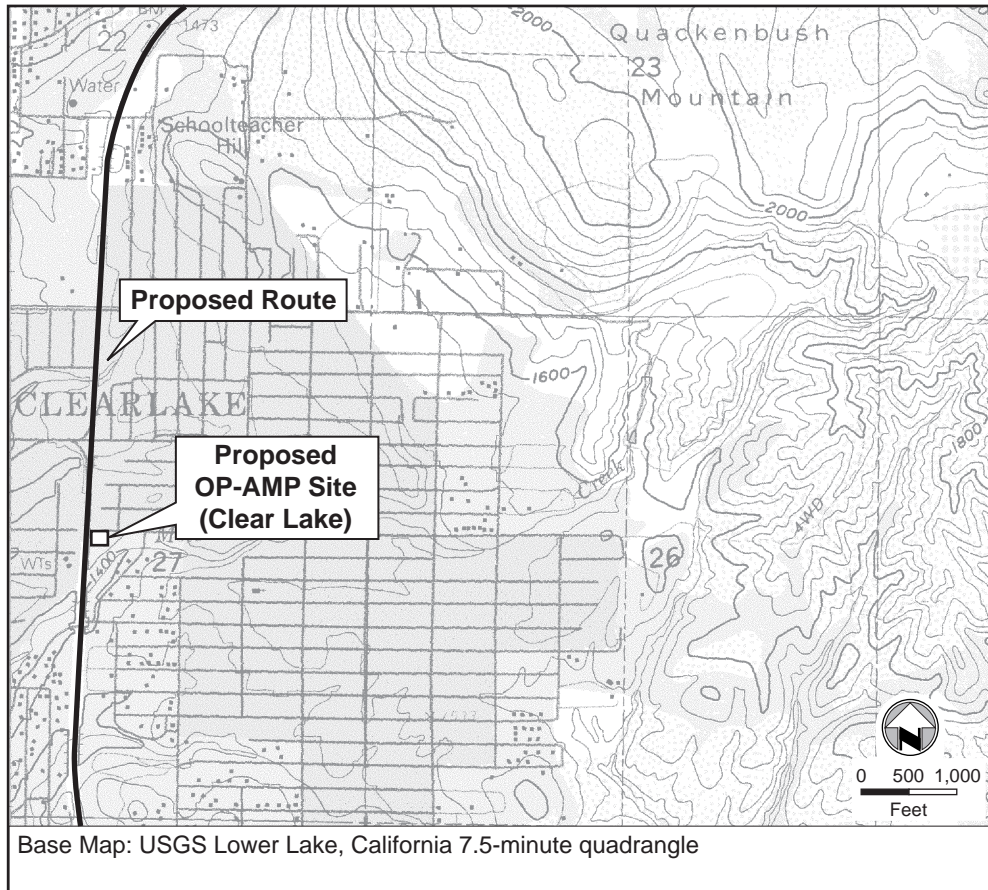


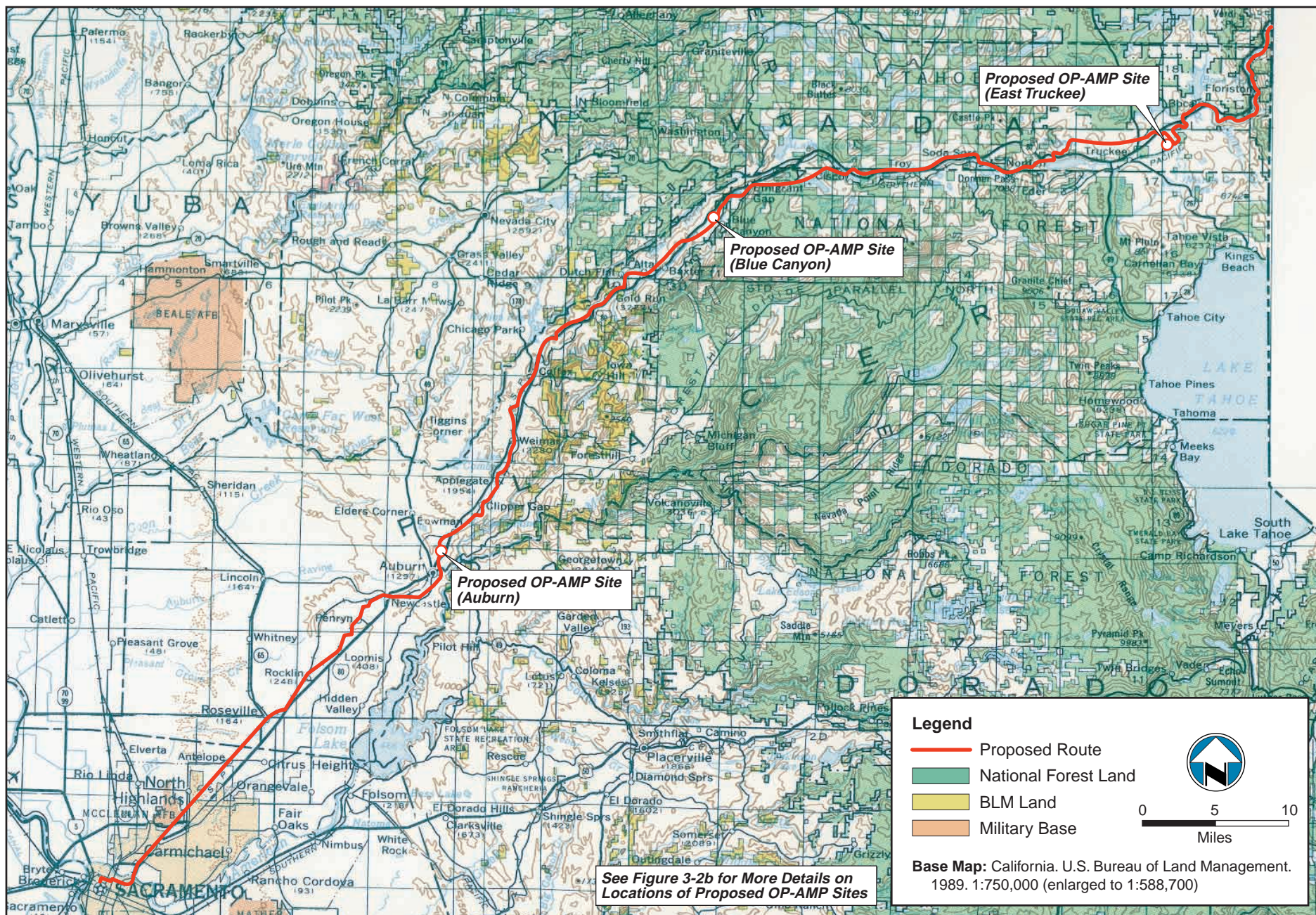


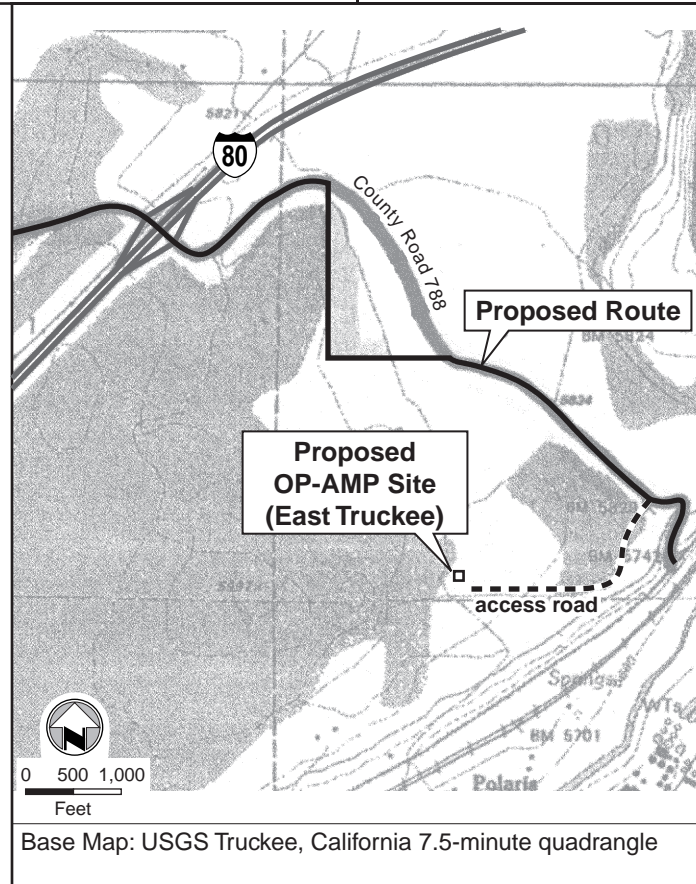
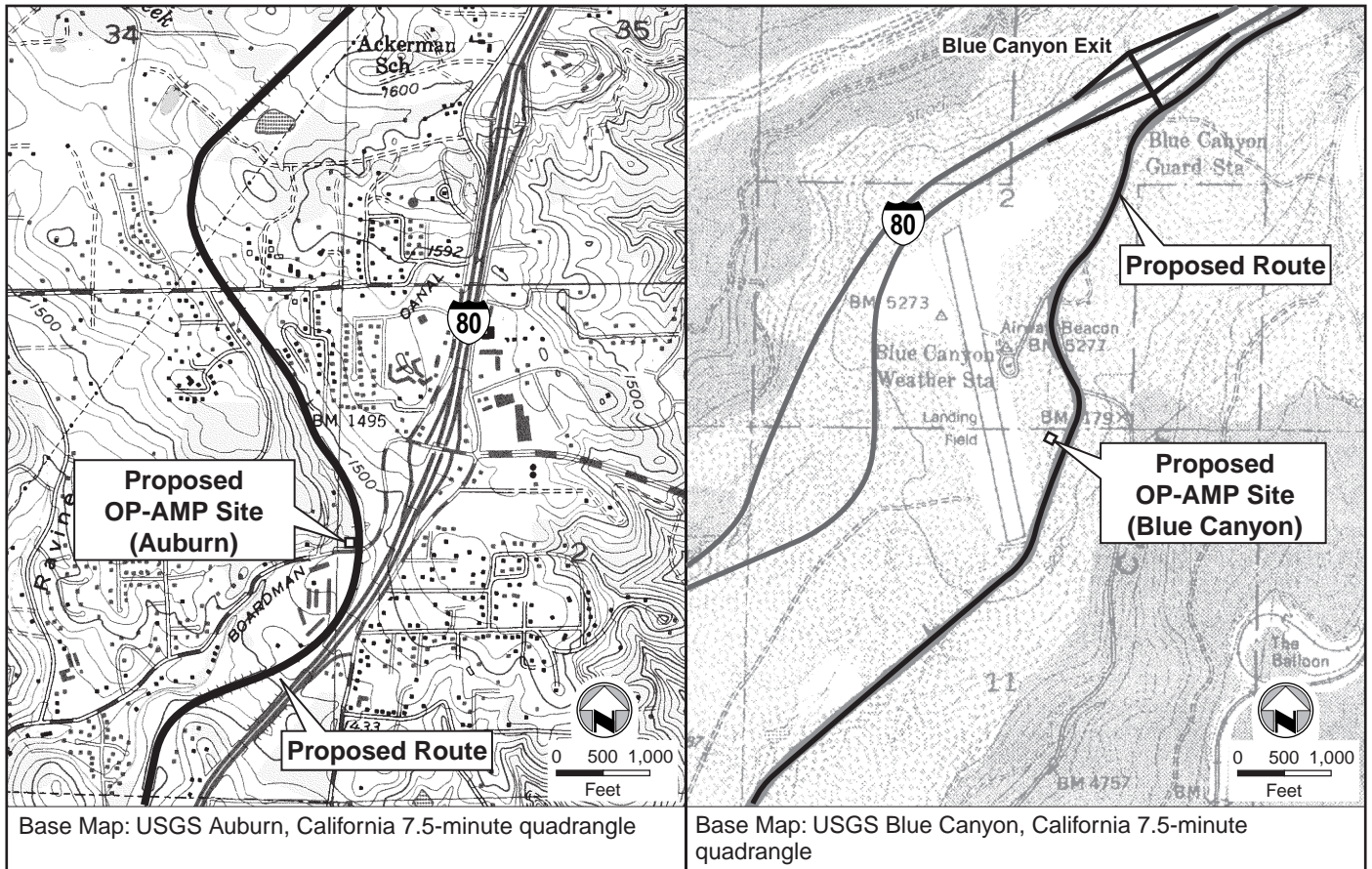


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Figure 3-1b
Point Arena to Sacramento Project
OP-AMP Station Locations

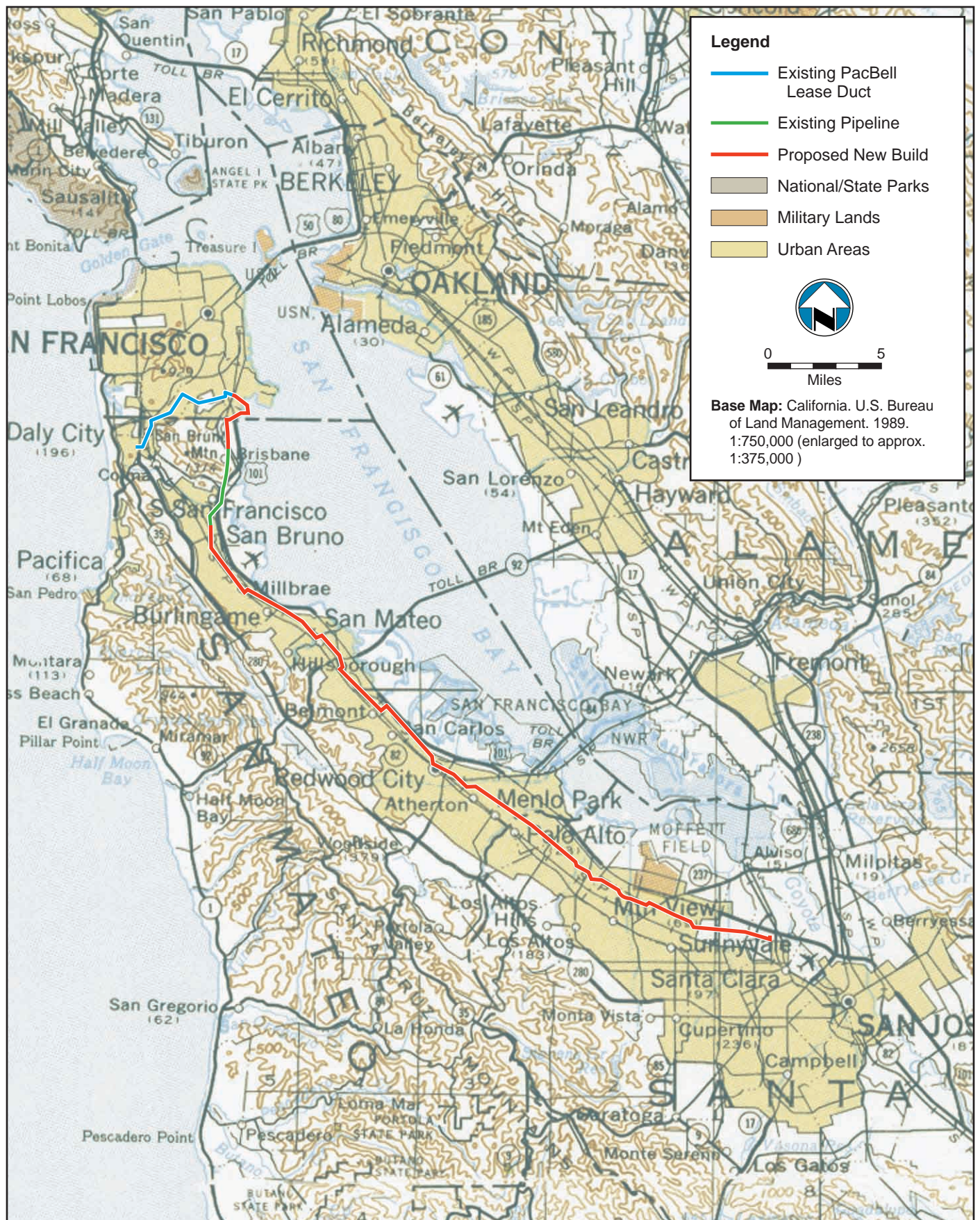






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Figure 3-2b
Sacramento to the California/Nevada Border Project
OP-AMP Station Locations



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Figure 3-3
San Francisco to Santa Clara Project Route

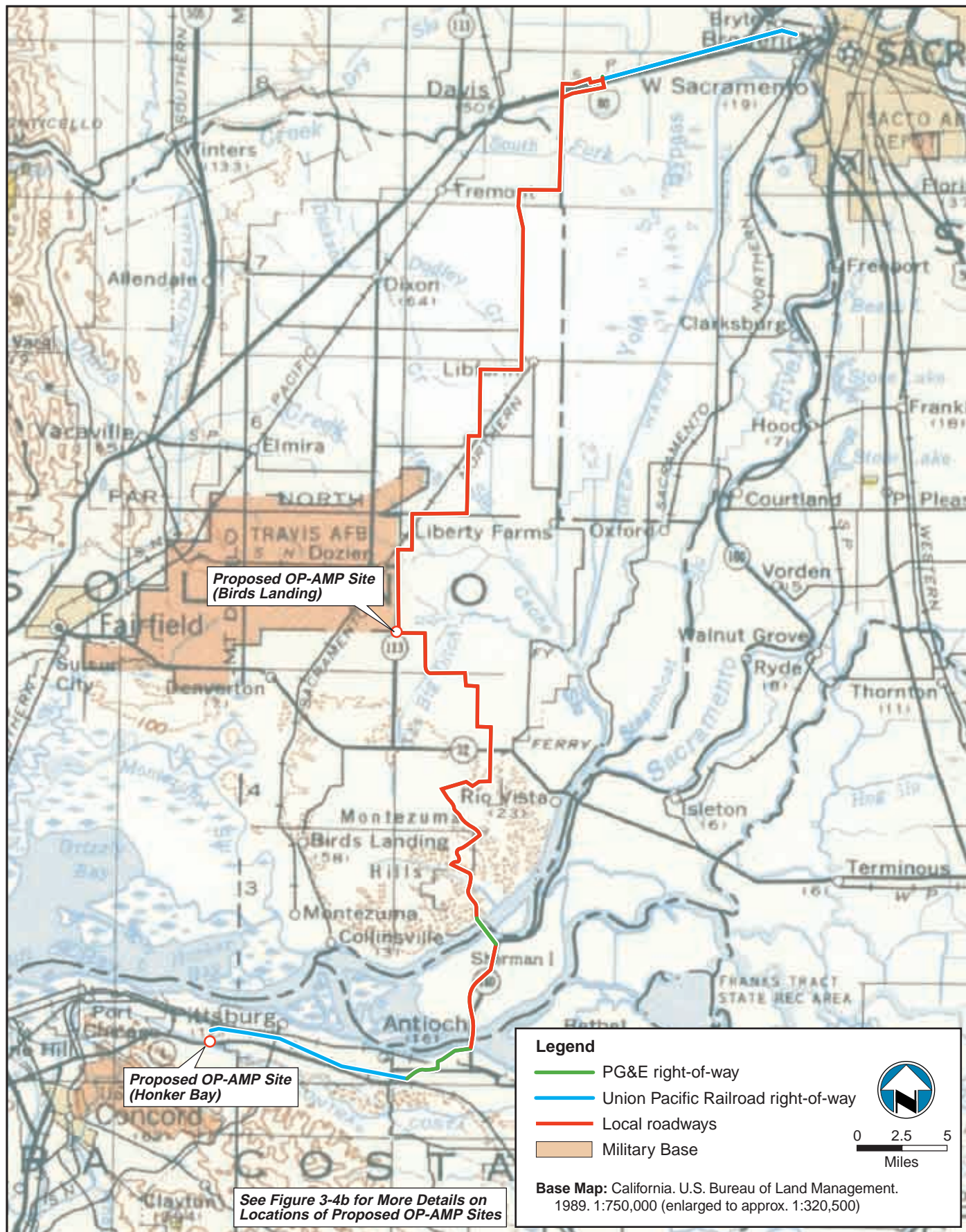
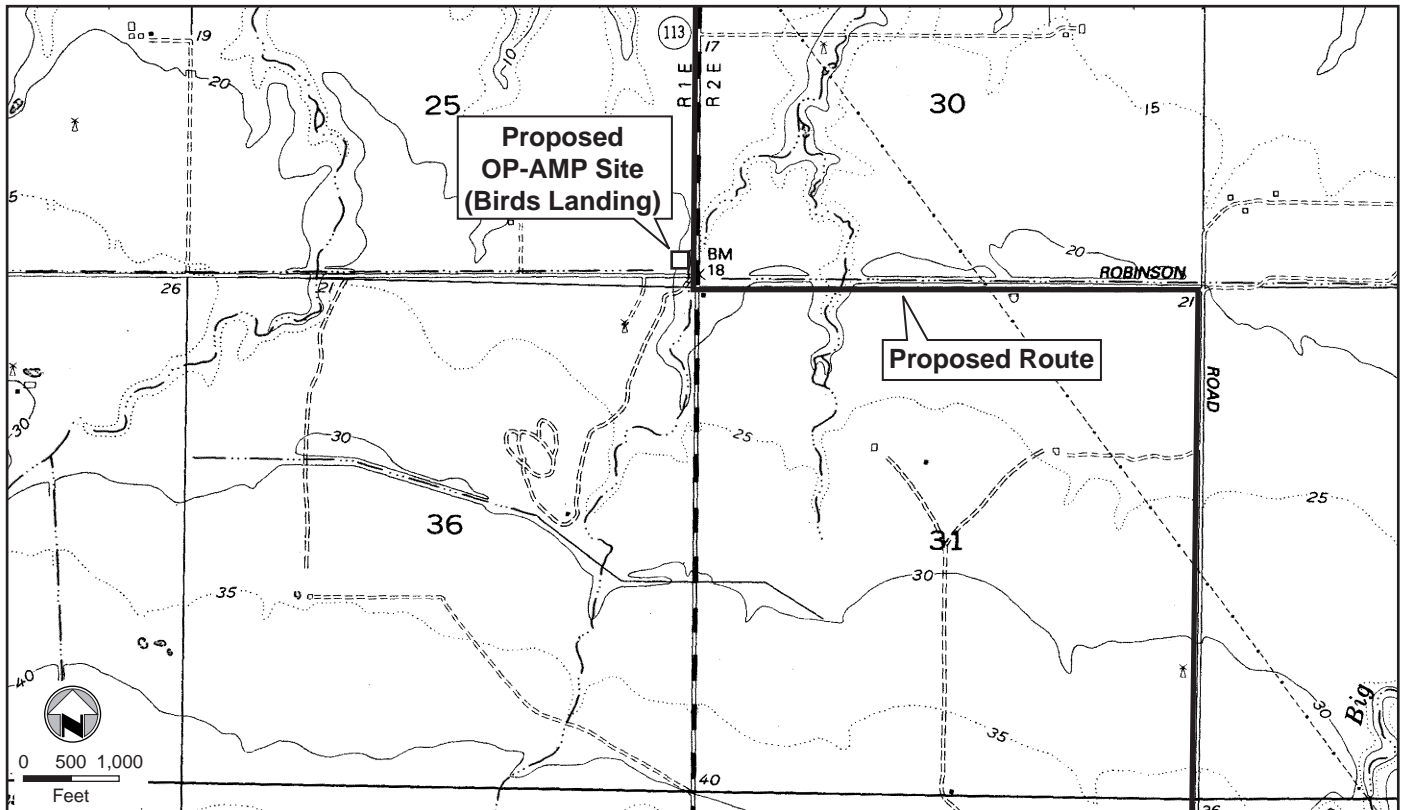
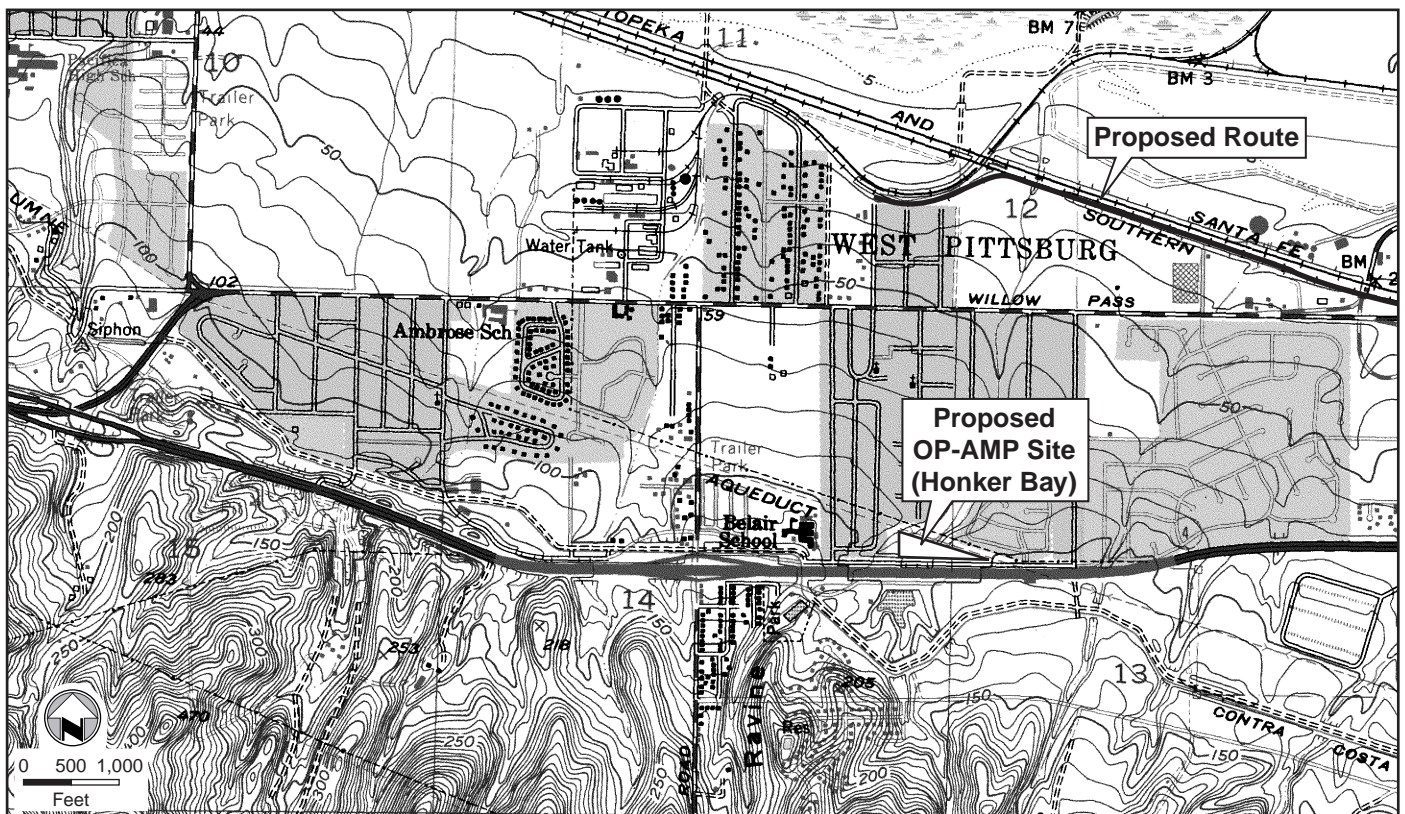


Figure 3-4a
Pittsburg to Sacramento Project Route



Base Map: USGS Birds Landing, California 7.5-minute quadrangle

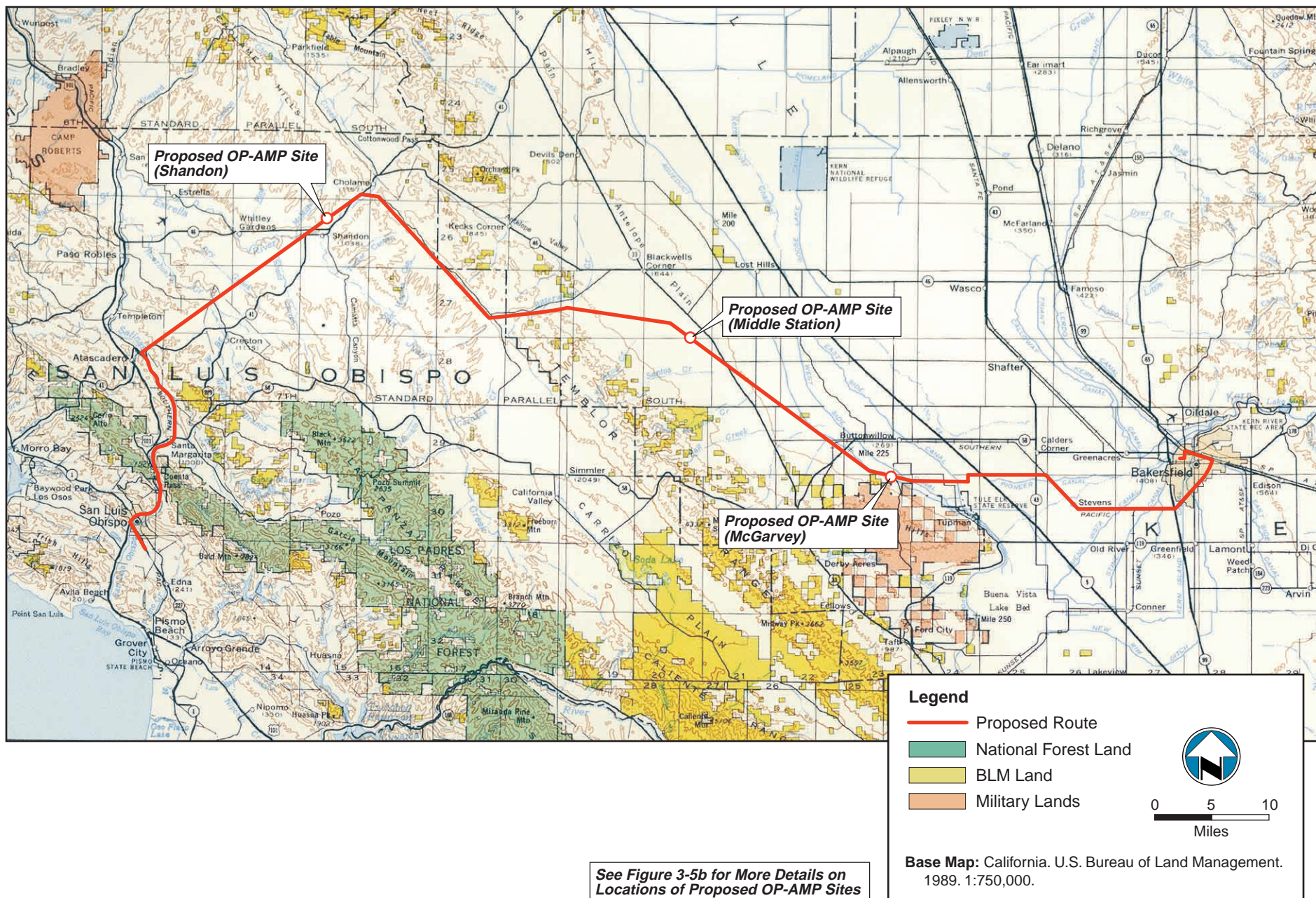


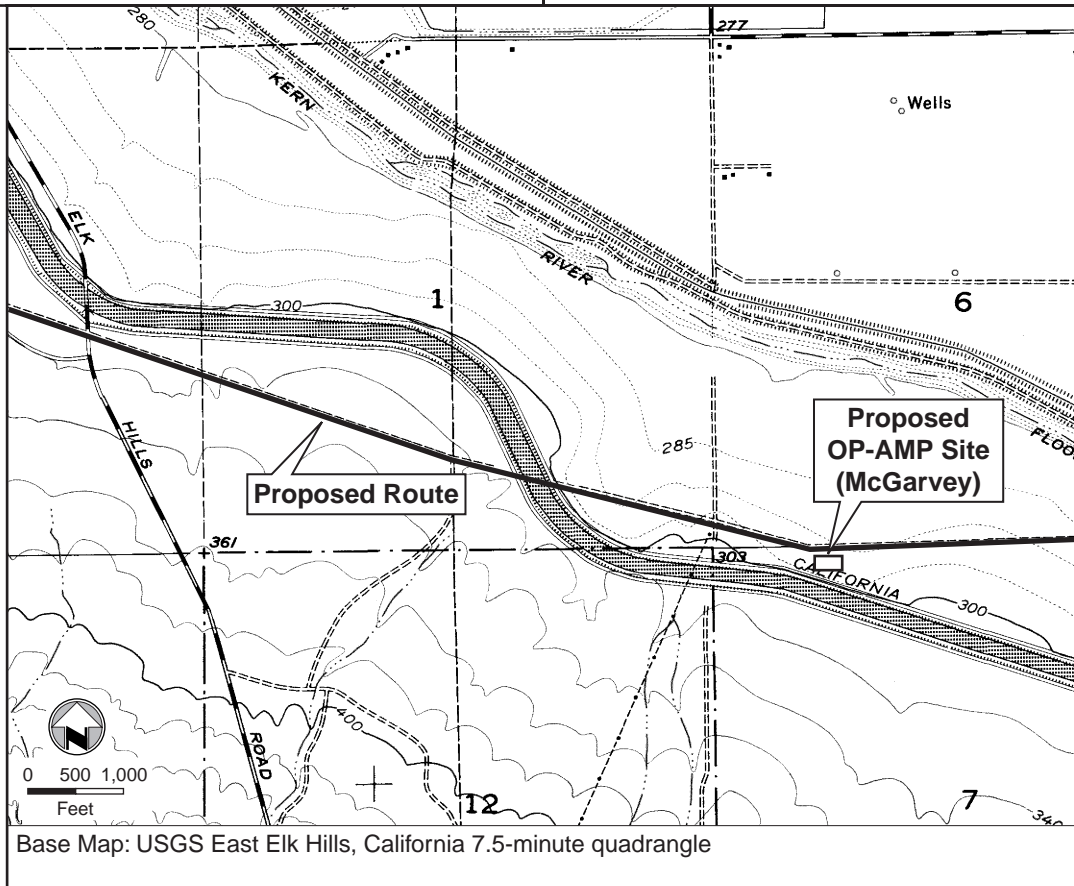
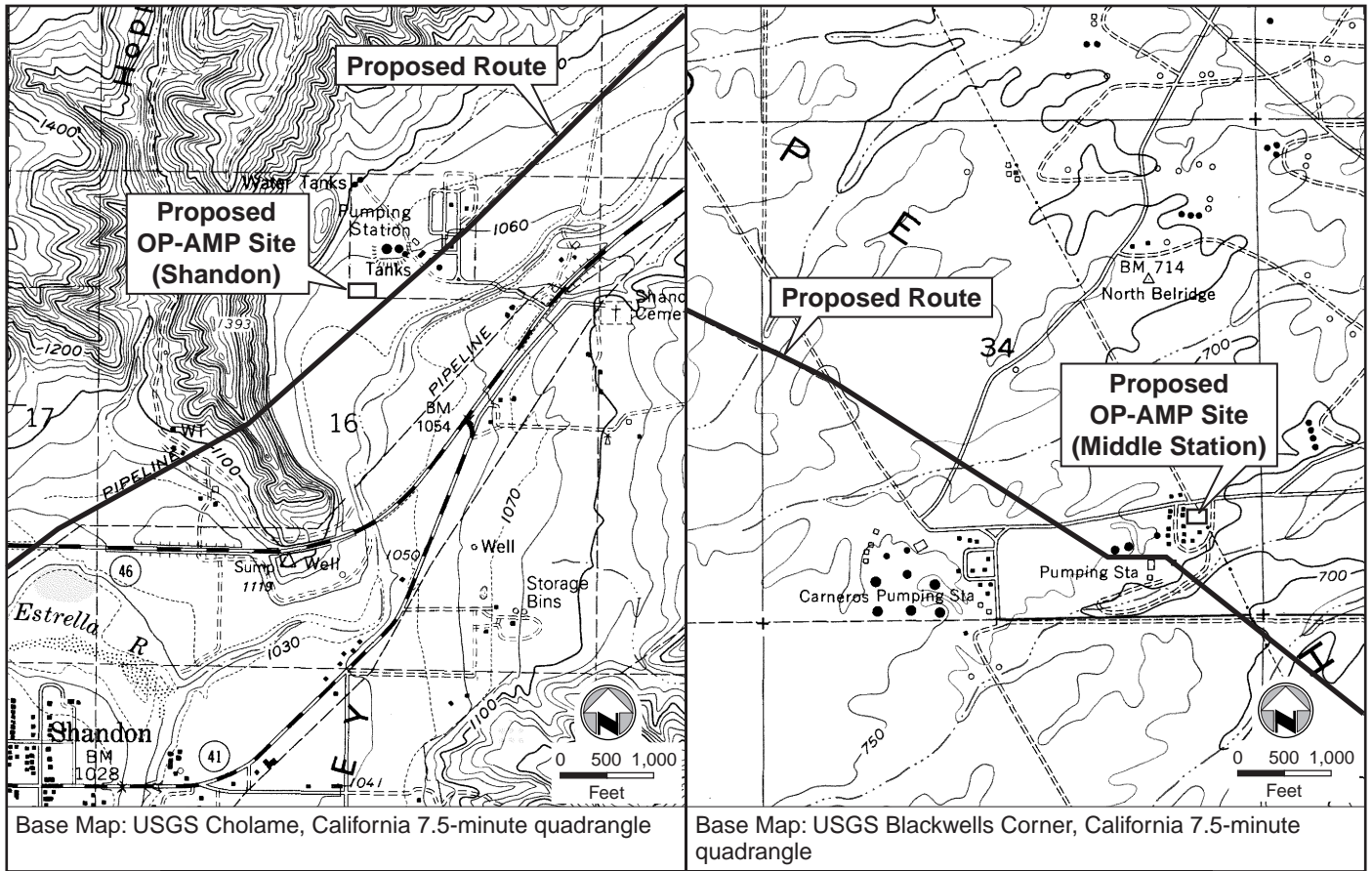
Base Map: USGS Honker Bay, California 7.5-minute quadrangle



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Figure 3-4b
Pittsburg to Sacramento Project
OP-AMP Station Locations





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Figure 3-5b
San Luis Obispo to Bakersfield Project
OP-AMP Station Locations



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Figure 3-6
San Luis Obispo to Los Osos Loop Project Route

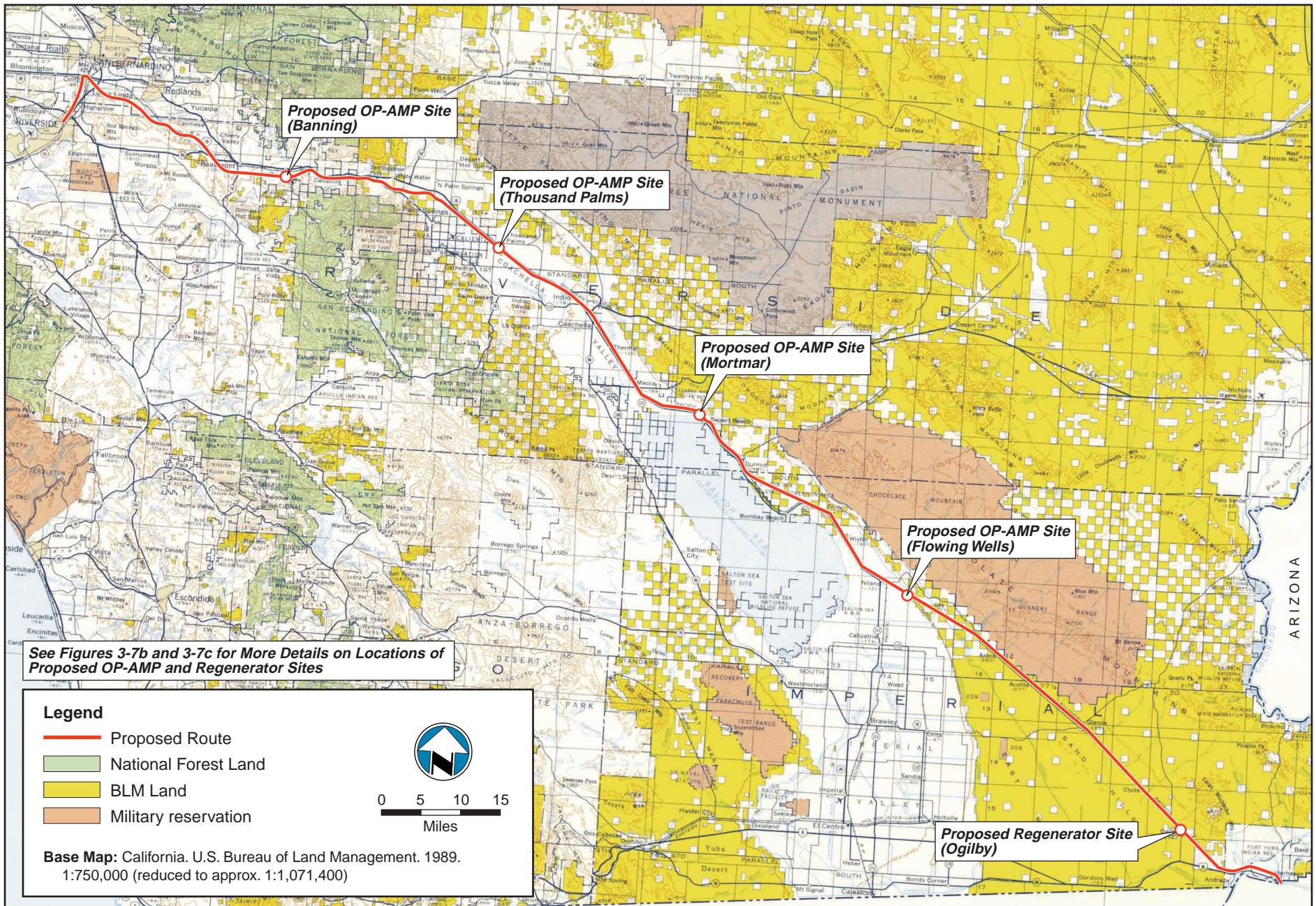
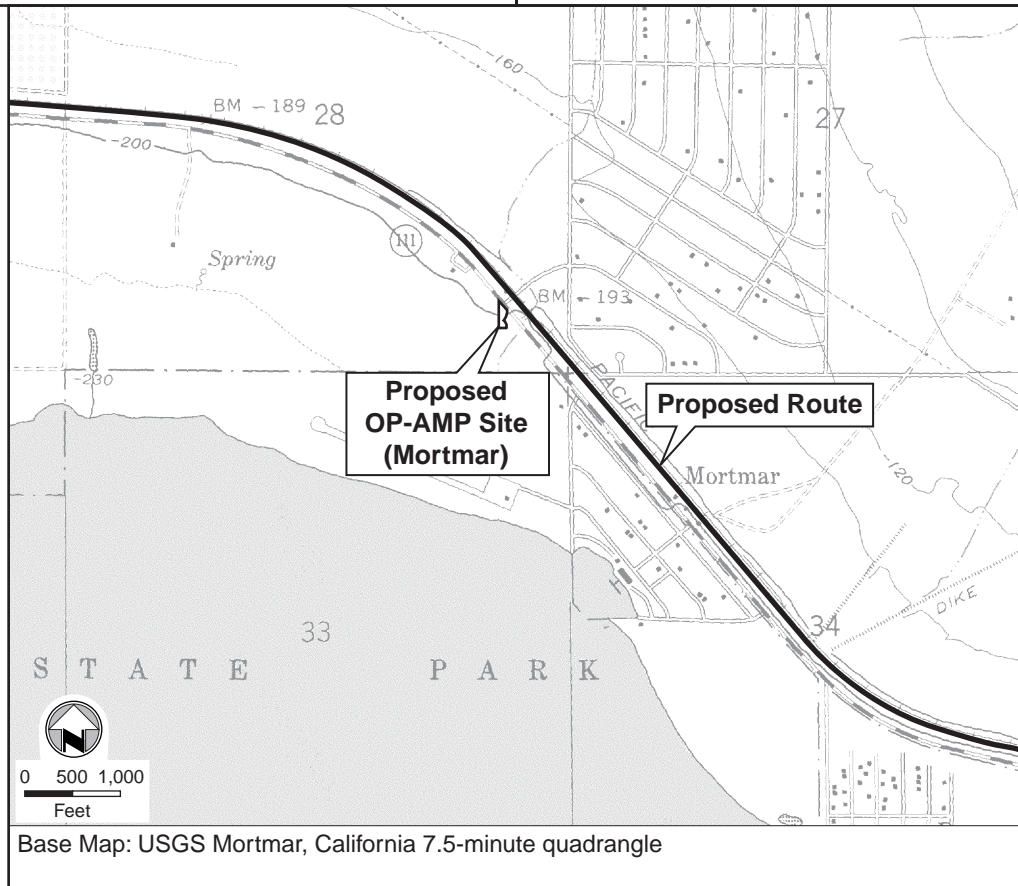
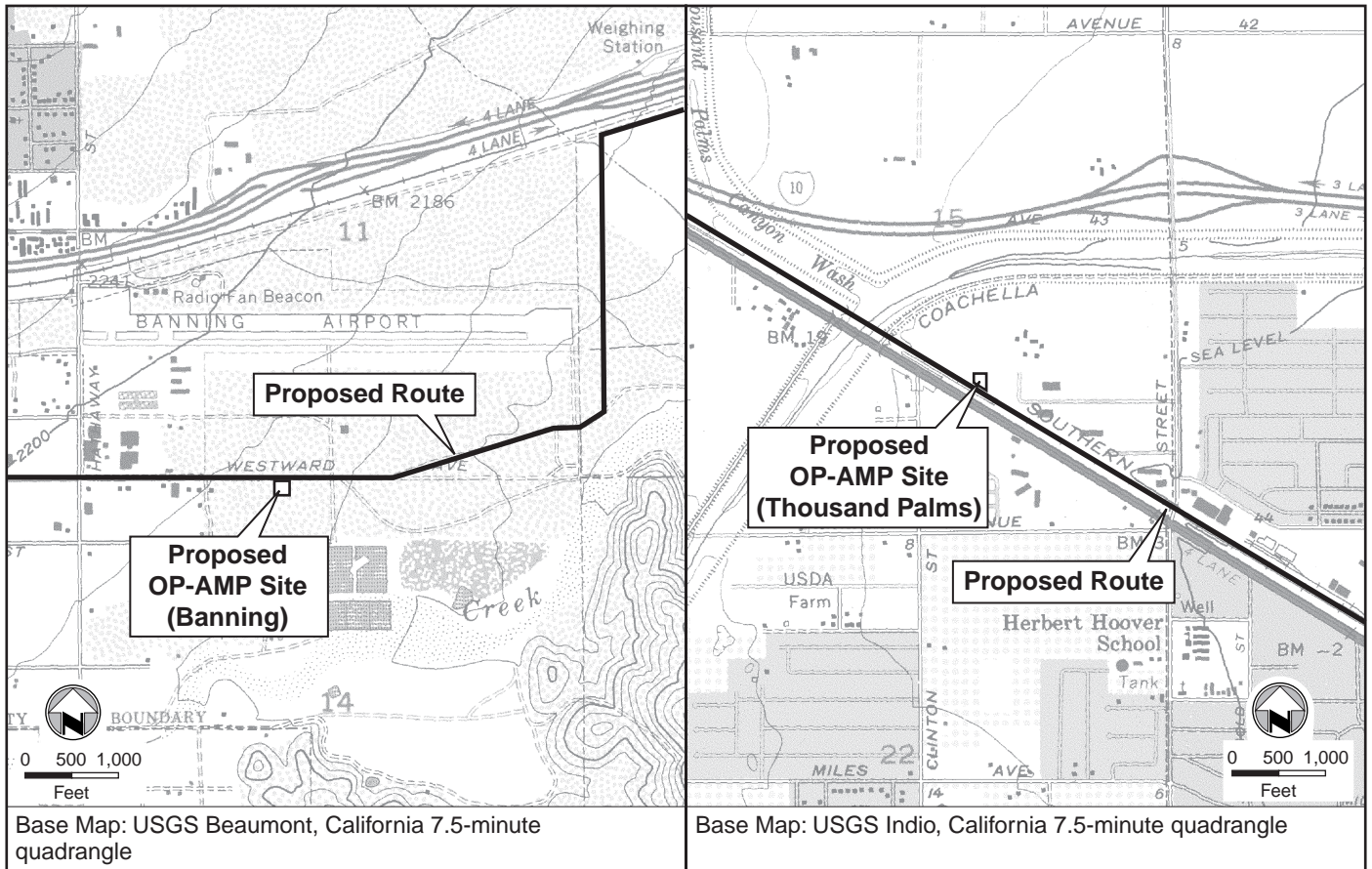
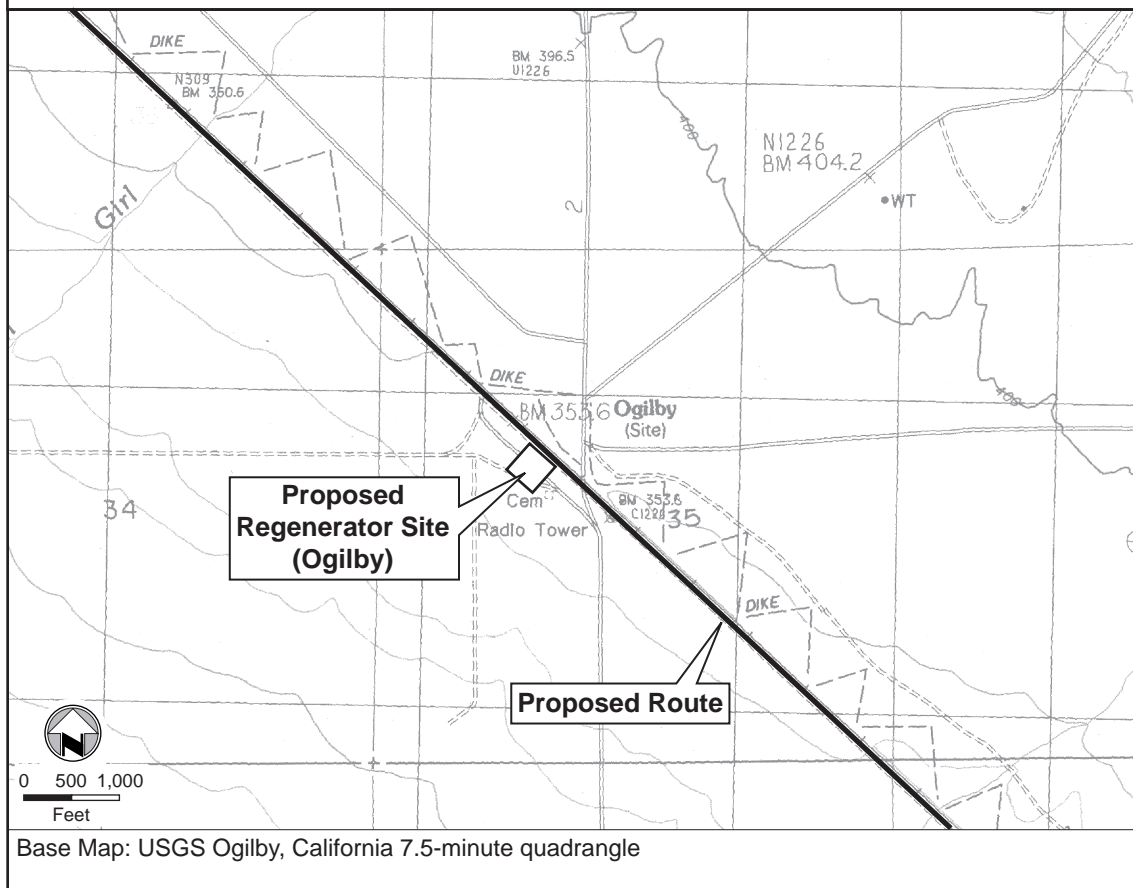
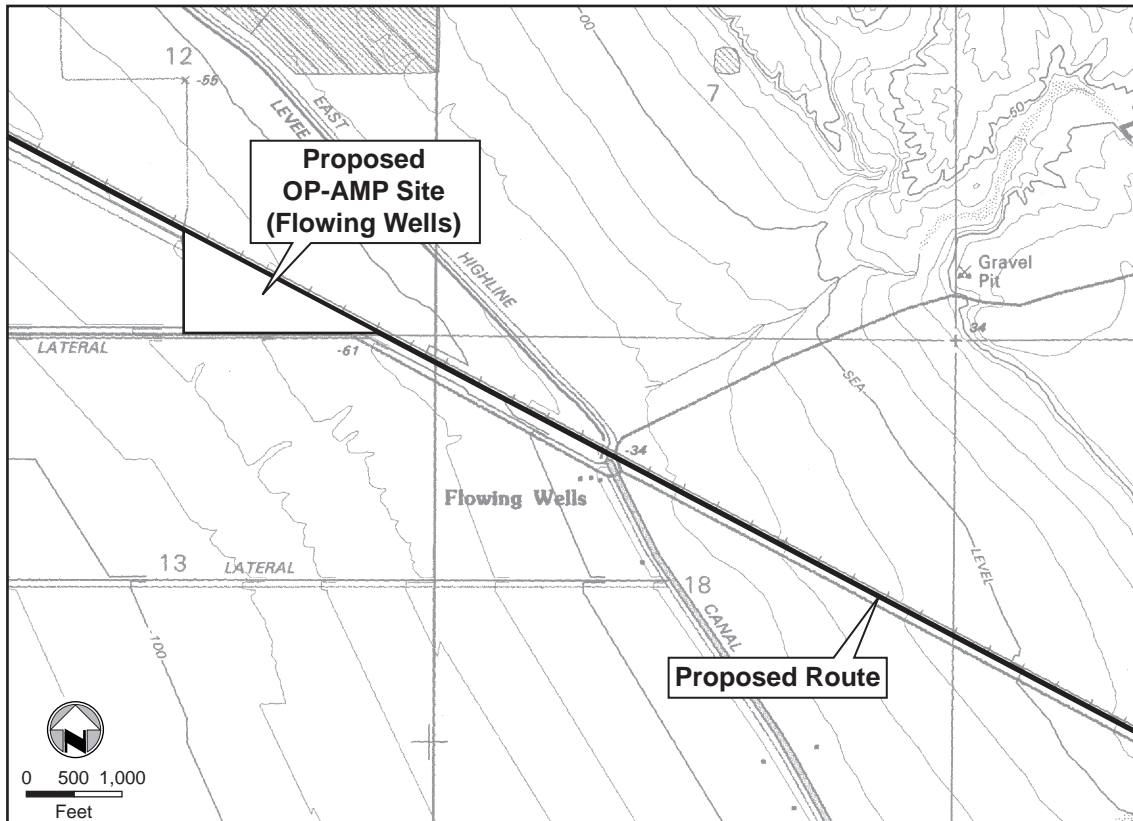


Figure 3-7a
Riverside to the California/Arizona Border Project Route





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Figure 3-7c
Riverside to the California/Arizona Border Project
Regenerator and OP-AMP Station Locations

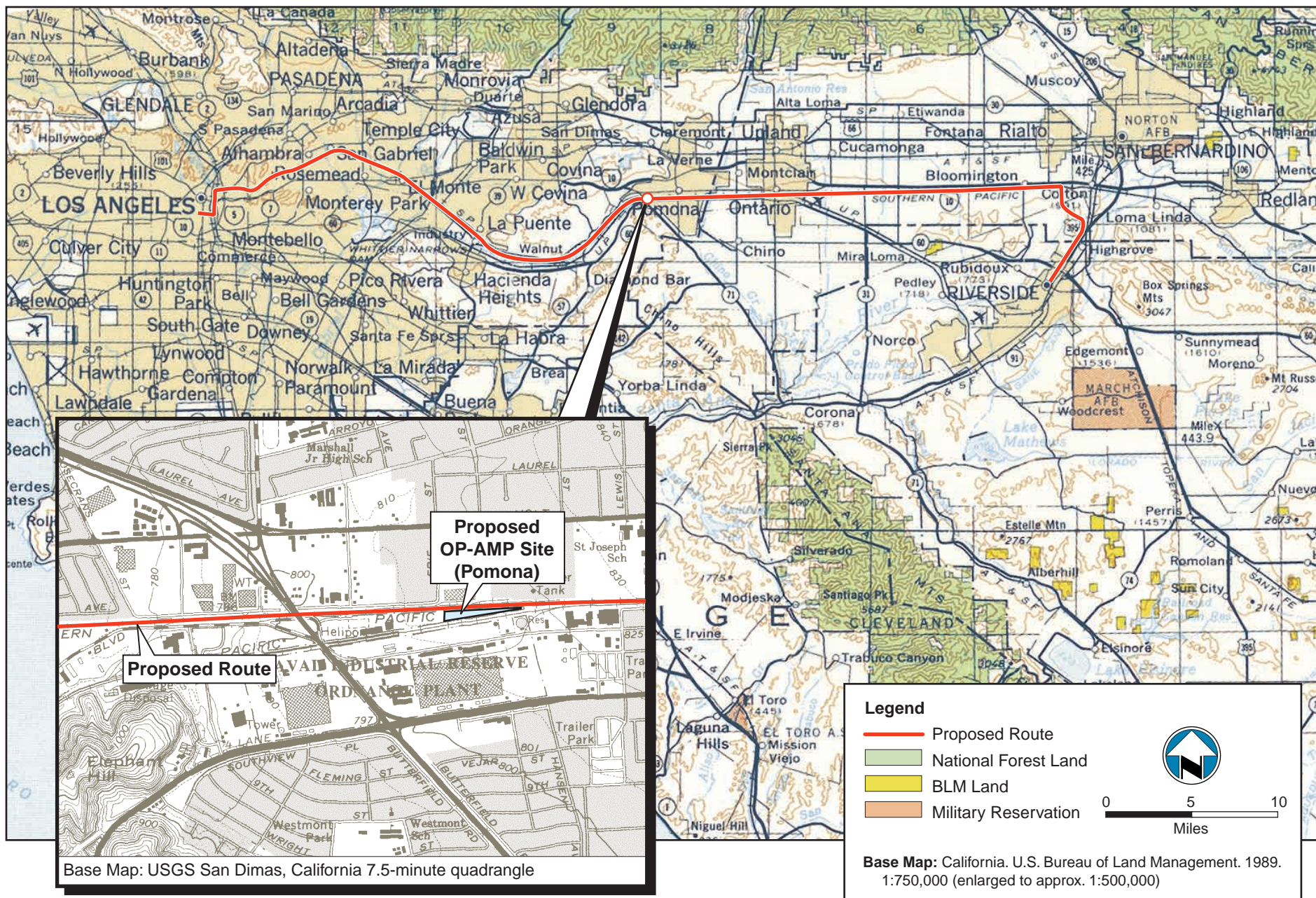


Figure 3-8
Los Angeles to Riverside Project Route and OP-AMP Station Location





Figure 4.III-1
California Air Basins